Lingling Wu

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/10514818/publications.pdf

Version: 2024-02-01

42 papers	2,289 citations	279798 23 h-index	289244 40 g-index
42 all docs	42 docs citations	42 times ranked	2446 citing authors

#	Article	IF	Citations
1	Antibody-engineered red blood cell interface for high-performance capture and release of circulating tumor cells. Bioactive Materials, 2022, 11, 32-40.	15.6	15
2	Selective, user-friendly, highly porous, efficient, and rapid (SUPER) filter for isolation and analysis of rare tumor cells. Lab on A Chip, 2022, 22, 367-376.	6.0	3
3	Single-Cell Digital Microfluidic Mass Spectrometry Platform for Efficient and Multiplex Genotyping of Circulating Tumor Cells. Analytical Chemistry, 2022, 94, 1108-1117.	6.5	25
4	Cilo-seq: highly sensitive cell-in-library-out single-cell transcriptome sequencing with digital microfluidics. Lab on A Chip, 2022, 22, 1971-1979.	6.0	14
5	Nucleic Acids Analysis. Science China Chemistry, 2021, 64, 171-203.	8.2	88
6	Dispen-Seq: a single-microparticle dispenser based strategy towards flexible cell barcoding for single-cell RNA sequencing. Science China Chemistry, 2021, 64, 650-659.	8.2	2
7	Aptamer-Based Detection of Circulating Targets for Precision Medicine. Chemical Reviews, 2021, 121, 12035-12105.	47.7	294
8	EZH2 Inhibition Interferes With the Activation of Type I Interferon Signaling Pathway and Ameliorates Lupus Nephritis in NZB/NZW F1 Mice. Frontiers in Immunology, 2021, 12, 653989.	4.8	17
9	Singleâ€Cell Sequencing Methodologies: From Transcriptome to Multiâ€Dimensional Measurement. Small Methods, 2021, 5, e2100111.	8.6	17
10	Inside Front Cover: Singleâ€Cell Sequencing Methodologies: From Transcriptome to Multiâ€Dimensional Measurement (Small Methods 6/2021). Small Methods, 2021, 5, 2170024.	8.6	0
11	Reversible Immunoaffinity Interface Enables Dynamic Manipulation of Trapping Force for Accumulated Capture and Efficient Release of Circulating Rare Cells. Advanced Science, 2021, 8, e2102070.	11.2	12
12	Microfluidicâ€Based Exosome Analysis for Liquid Biopsy. Small Methods, 2021, 5, e2001131.	8.6	81
13	Downregulation of Renal Hsa-miR-127-3p Contributes to the Overactivation of Type I Interferon Signaling Pathway in the Kidney of Lupus Nephritis. Frontiers in Immunology, 2021, 12, 747616.	4.8	6
14	ZBP1-MLKL necroptotic signaling potentiates radiation-induced antitumor immunity via intratumoral STING pathway activation. Science Advances, 2021, 7, eabf6290.	10.3	79
15	Trends in miniaturized biosensors for point-of-care testing. TrAC - Trends in Analytical Chemistry, 2020, 122, 115701.	11.4	119
16	Microfluidic Singleâ€Cell Omics Analysis. Small, 2020, 16, e1903905.	10.0	80
17	Homogeneous, Lowâ€volume, Efficient, and Sensitive Quantitation of Circulating Exosomal PDâ€L1 for Cancer Diagnosis and Immunotherapy Response Prediction. Angewandte Chemie - International Edition, 2020, 59, 4800-4805.	13.8	159
18	A Sequential Multidimensional Analysis Algorithm for Aptamer Identification based on Structure Analysis and Machine Learning. Analytical Chemistry, 2020, 92, 3307-3314.	6.5	45

#	Article	IF	Citations
19	Efficient Isolation and Phenotypic Profiling of Circulating Hepatocellular Carcinoma Cells via a Combinatorial-Antibody-Functionalized Microfluidic Synergetic-Chip. Analytical Chemistry, 2020, 92, 15229-15235.	6.5	23
20	DNA Nanolithography Enables a Highly Ordered Recognition Interface in a Microfluidic Chip for the Efficient Capture and Release of Circulating Tumor Cells. Angewandte Chemie - International Edition, 2020, 59, 14115-14119.	13.8	74
21	MicroRNAs in Systemic Lupus Erythematosus: a Perspective on the Path from Biological Discoveries to Clinical Practice. Current Rheumatology Reports, 2020, 22, 17.	4.7	20
22	DNA Nanolithography Enables a Highly Ordered Recognition Interface in a Microfluidic Chip for the Efficient Capture and Release of Circulating Tumor Cells. Angewandte Chemie, 2020, 132, 14219-14223.	2.0	6
23	Selection of Aptamers Against Vimentin for Isolation and Release of Circulating Tumor Cells Undergoing Epithelial Mesenchymal Transition. Analytical Chemistry, 2020, 92, 5178-5184.	6.5	32
24	cGAS-STINGâ€“mediated DNA sensing maintains CD8 ⁺ T cell stemness and promotes antitumor T cell therapy. Science Translational Medicine, 2020, 12, .	12.4	121
25	Aptamer-Based Liquid Biopsy. ACS Applied Bio Materials, 2020, 3, 2743-2764.	4.6	38
26	Fluidic Multivalent Membrane Nanointerface Enables Synergetic Enrichment of Circulating Tumor Cells with High Efficiency and Viability. Journal of the American Chemical Society, 2020, 142, 4800-4806.	13.7	114
27	Homogeneous, Lowâ€volume, Efficient, and Sensitive Quantitation of Circulating Exosomal PDâ€Ł1 for Cancer Diagnosis and Immunotherapy Response Prediction. Angewandte Chemie, 2020, 132, 4830-4835.	2.0	36
28	Highly Sensitive Minimal Residual Disease Detection by Biomimetic Multivalent Aptamer Nanoclimber Functionalized Microfluidic Chip. Small, 2020, 16, e2000949.	10.0	24
29	Stimuli-Responsive Microfluidic Interface Enables Highly Efficient Capture and Release of Circulating Fetal Cells for Non-Invasive Prenatal Testing. Analytical Chemistry, 2020, 92, 9281-9286.	6.5	13
30	Identification of Renal Long Non-coding RNA RP11-2B6.2 as a Positive Regulator of Type I Interferon Signaling Pathway in Lupus Nephritis. Frontiers in Immunology, 2019, 10, 975.	4.8	52
31	Aptamer-based microfluidics for isolation, release and analysis of circulating tumor cells. TrAC - Trends in Analytical Chemistry, 2019, 117, 69-77.	11.4	61
32	Exosomal PD-L1: an effective liquid biopsy target to predict immunotherapy response. National Science Review, 2019, 6, 1103-1104.	9.5	13
33	miR-152 Attenuates the Severity of Lupus Nephritis Through the Downregulation of Macrophage Migration Inhibitory Factor (MIF)-Induced Expression of COL1A1. Frontiers in Immunology, 2019, 10, 158.	4.8	12
34	Beyond Capture: Circulating Tumor Cell Release and Singleâ€Cell Analysis. Small Methods, 2019, 3, 1800544.	8.6	41
35	177â€…Decreased expression of renal MiR-127â€“3p contributes to the overactivation of interferon signaling pathway in the kidney of lupus nephritis. , 2019, , .		0
36	Association of Abnormal Elevations in <scp>IFIT</scp>3 With Overactive Cyclic <scp>GMP</scp>â€<scp>AMP</scp> Synthase/Stimulator of Interferon Genes Signaling in Human Systemic Lupus Erythematosus Monocytes. Arthritis and Rheumatology, 2018, 70, 2036-2045.	5.6	57

#	Article	IF	Citations
37	T-bet+CD11c+ B cells are critical for antichromatin immunoglobulin G production in the development of lupus. Arthritis Research and Therapy, 2017, 19, 225.	3.5	58
38	MiR-125a Is a critical modulator for neutrophil development. PLoS Genetics, 2017, 13, e1007027.	3.5	19
39	Identification of Cyclinâ€Ðependent Kinase 1 as a Novel Regulator of Type I Interferon Signaling in Systemic Lupus Erythematosus. Arthritis and Rheumatology, 2016, 68, 1222-1232.	5.6	35
40	MicroRNAâ€•130b Ameliorates Murine Lupus Nephritis Through Targeting the Type I Interferon Pathway on Renal Mesangial Cells. Arthritis and Rheumatology, 2016, 68, 2232-2243.	5.6	59
41	Identification of the long noncoding RNA NEAT1 as a novel inflammatory regulator acting through MAPK pathway in human lupus. Journal of Autoimmunity, 2016, 75, 96-104.	6.5	233
42	Association of large intergenic noncoding RNA expression with disease activity and organ damage in systemic lupus erythematosus. Arthritis Research and Therapy, 2015, 17, 131.	3.5	92